

**Amendments to the Specification:**

**Please replace paragraph [0001] with the following amended paragraph:**

**-- CROSS REFERENCE TO RELATED APPLICATIONS**

The present invention is related to and claims the benefit of PCT Application No. PCT/USO3/20285 filed on June 26, 2003, and U.S. Provisional Patent Application Number 60/392,338 filed on June 27<sup>th</sup>, 2002 by Mathew James Schaeffer and Christopher G. Schaeffer entitled "Gas Analyzer for Measuring the Flammability of Mixtures of Combustible Gases and Oxygen", the contents of both of which are hereby incorporated by reference. --